OMB Control # 2060-0482

For EPA Use Only ID # _____

SECTOR _____

Worksheet 5. Application Summary

03-0007

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. **Consortium Name:** International Paper
2. **Location:** Eight total nurseries in the following states Alabama (2), Texas (2), Georgia (2), Arkansas (1) and South Carolina (1)
3. **Crop:** Bareroot pine seedlings
4. **Pounds of Methyl Bromide Requested** **2005** 60197 **lbs.**
5. **Acres Treated with Methyl Bromide** **2005** 270 **Acres**
6. **If methyl bromide is requested for additional years, reason for request:**

No technological or economical methyl bromide alternatives currently exist for the pest free production of bareroot pine seedlings

2006 75357 **lbs.** **Area Treated** 338 **Acres**

2007 73128 **lbs.** **Area Treated** 328 **Acres**

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Basamid	X	X	Potential human and environmental risks, lack of consistently
			demonstrable effectiveness, loss in crop quanity and quality.
			The ability to return a ROI of sufficient maganitude is doubtful.
Metham-Sodium	X	X	Proven human and environmental risks, lack of consistently
			demonstrable effectiveness, loss in crop quanity and quality.
			The ability to return a ROI of sufficient maganitude is doubtful.
Flooding	X		Not feasible due to well-drained nursery soils. Further,
			nursery fields are sloped to enhance water movement from fiel
Physical Removal	X		No practical method to physically remove weed tubers or
			pathogens.
Ploughing	X		Repeated plouging creates "hard pans" which negatively affect

			crop quality due to poor root development.
Solarization	X		Our nursery cycle requires fumigation to occur just after cover
			crop removal. This occurs in late fall to early spring. This peri
			characterized by low air/soil temperatures and increased cloud
Organic Admendments	X	X	Weed populations are not affected by organic admendments.
			Effects on seedling quality have been variable.
General IPM /Crop Rotations	X	X	At present a workable program to control weeds and soil
			pathogens has not been devised. This is the most promising
			area of research.
Containerized Seedlings	X		Conversion of a 900 million bareroot pine seedling market to
			containerized seedlings is not economically feasible. Costs are
			2.5 to three times as great using containerized seedlings.